

Docket No.: 05-00588-02/AB-349U

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claims 1-22 (canceled)**

**Claim 23 (original):** A method for creating a lesion in a patient's body, comprising:

- a) implanting a lead in a patient's brain;
- b) electrically connecting the lead to an external RF generator;
- c) creating a lesion with the lead and the external RF generator;
- d) disconnecting the lead from the external RF generator;
- e) waiting at least one week;
- f) evaluating the results of the lesion; and
- g) repeating b) through f) at least once to create a progressive, graduated

lesion.

**Claim 24 (original):** The method of claim 23 further comprising connecting the lead to a pulse generating device and delivering stimulating pulses to the patient's brain with the lead and the pulse generating device.

**Claim 25 (currently amended):** The method of claim 23 further comprising removing the brain stimulation lead from the patient's brain.

**Claim 26 (original):** The method of claim 23 further comprising creating the lesion outside the operating room.

**Claim 27 (new):** The method of claim 23 wherein electrically connecting to and disconnecting the lead from the external RF generator comprises electrically connecting and disconnecting transcutaneously.

Docket No.: 05-00588-02/AB-349U

**Claim 28 (new):** The method of claim 27 further comprising an RF coil coupled to the lead that is inductively coupled to the external RF generator.

**Claim 29 (new):** The method of claim 23 wherein the lesion is created in response to a hardware complication requiring hardware revision or removal of one or more components of a brain stimulation system.

**Claim 30 (new):** The method of claim 29 wherein the hardware complication comprises at least one of infection, erosion, fracture, migration, short-circuit, and physical disconnection of one or more components of a brain stimulation system.

**Claim 31 (new):** The method of claim 23 wherein the lesion is created in response to the patient developing a tolerance to brain stimulation.

**Claim 32 (new):** The method of claim 24 wherein the lesion is created in response to the patient developing a tolerance to brain stimulation.

**Claim 33 (new):** The method of claim 23 wherein the lesion is created in response to failure of a battery in a brain stimulation system.

**Claim 34 (new):** The method of claim 23 wherein the lesion is created in response to a need for frequent battery replacements in a brain stimulation system.

**Claim 35 (new):** The method of claim 23 wherein the lesion is created in response to a need for progressively increasing current output from a brain stimulation system.

**Claim 36 (new):** The method of claim 23 wherein the progressive, graduated lesion is created as an alternative to using brain stimulation.

Docket No.: 05-00588-02/AB-349U

**Claim 37 (new):** The method of claim 23 wherein the progressive, graduated lesion is created as an addition to delivering stimulating pulses to the patient's brain with a pulse generating device.

**Claim 38 (new):** The method of claim 37 wherein the progressive, graduated lesion is created prior to initiation or resumption of stimulation.

**Claim 39 (new):** The method of claim 38 wherein the progressive, graduated lesion decreases the current delivery requirements of stimulation.

**Claim 40 (new):** The method of claim 38 wherein the progressive, graduated lesion prolongs battery life of the pulse generating device.

**Claim 41 (new):** The method of claim 24 wherein the progressive, graduated lesion prolongs battery life of the pulse generating device.